

Abstract

A suspension or a particle-solvent mixture system, which contains microparticles of zinc-containing calcium phosphate with particular chemical composition, specifically, microparticles of sparingly soluble zinc-containing calcium phosphate, and a therapeutic agent for treating zinc deficiency are provided. Particularly, a suspension or particle-solvent mixture system is prepared by mixing microparticles of zinc-containing calcium phosphate consisting of from 0.6 ppm to 13% by weight of zinc, 33-57% by weight of P_2O_5 , 10-65% by weight of CaO and 0-28% by weight of H_2O with a water-miscible or water-immiscible solvent. Such a suspension or particle-solvent mixture system can be used as a therapeutic agent for treating zinc deficiency.